

# Iron Ore Holdings Ltd



## Investor Presentation

March 2014





## IOH - Company Status



# Corporate Overview

## Background

- ASX listed in 2005
- Resource growth to 1.6 billion tonnes in 2013
- Two projects moving towards development
- ~\$60M cash in bank and zero debt

## Board Members

- **Hon. Richard Court AC** (Non-Executive Chairman)
- **Alwyn Vorster** (Managing Director)
- **Ryan Stokes** (Non-Executive Director)
- **Malcolm Randall** (Non-Executive Director)
- **Brian O'Donnell** (Non-Executive Director)

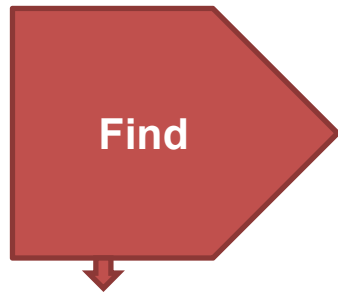
## Capital Structure

<b>Cash</b> (as at 31 Dec 2013)	<b>~A\$60 million</b>
<b>Shares On Issue</b>	<b>161 million</b>
<b>52 Week Range</b>	<b>~A\$0.63 - A\$1.26</b>
<b>Market Cap</b> (as at 11 Mar 2014)	<b>~A\$160 million</b>



IOH Board Members

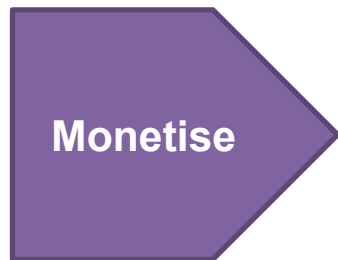
# 12 Month Results



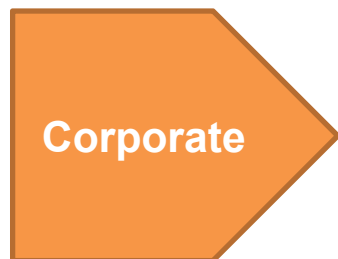
- Mineral Resources reaching 1.6 billion tonnes
  - Ore Reserves increase by 261 million tonnes
  - Seven new prospective tenements secured
- 



- Two Pre-Feasibility Studies completed (Iron Valley, Buckland)
  - One Feasibility Study 90% complete (Buckland)
  - Numerous approvals, licences and leases secured
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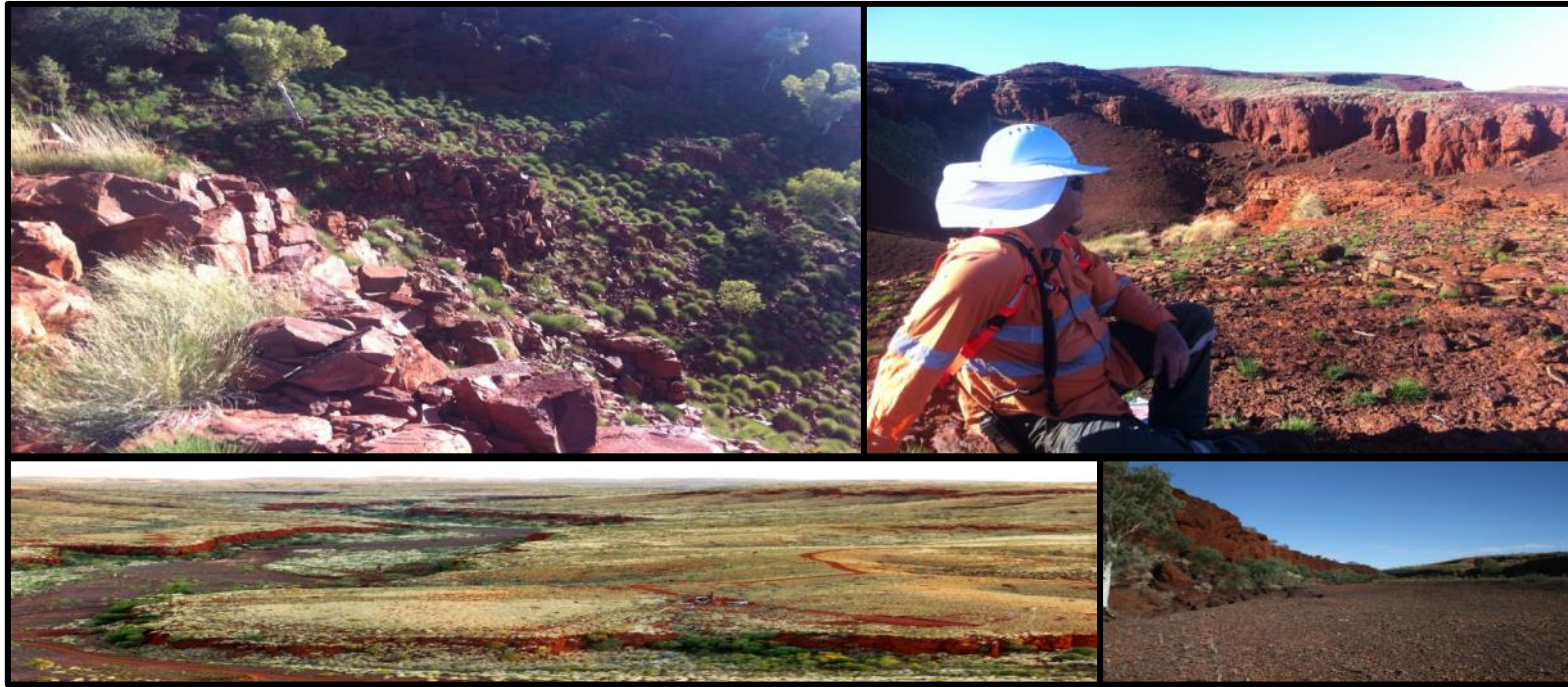
- Iron Valley - Mine Gate Sale
  - North Marillana divestment
  - Buckland partnership progressing
- 



- Zero fatalities and zero lost time injuries
- ~A\$60M cash and zero debt



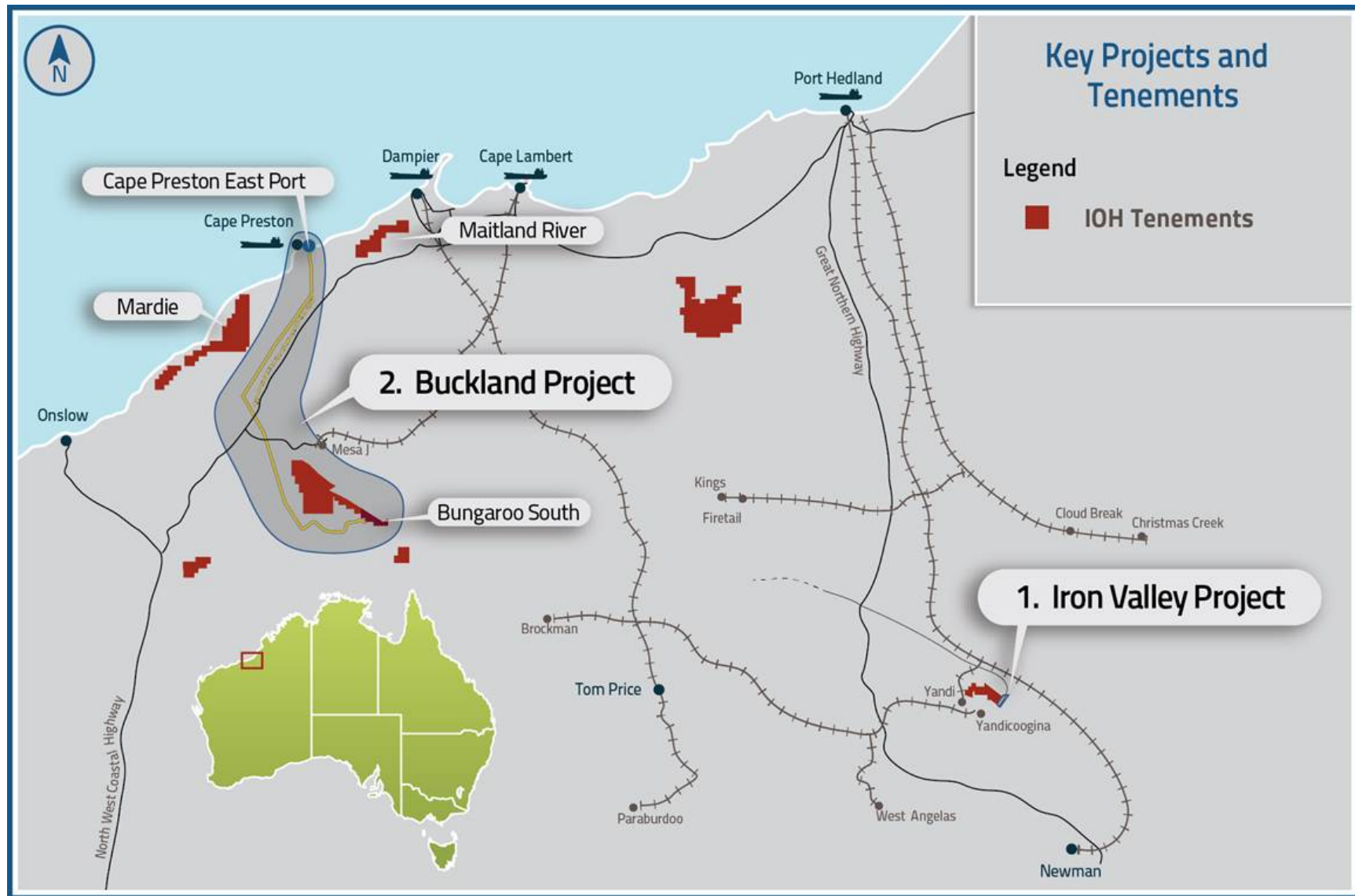
Dealer of the Year Award 2013



## IOH Projects



# IOH Project Locations

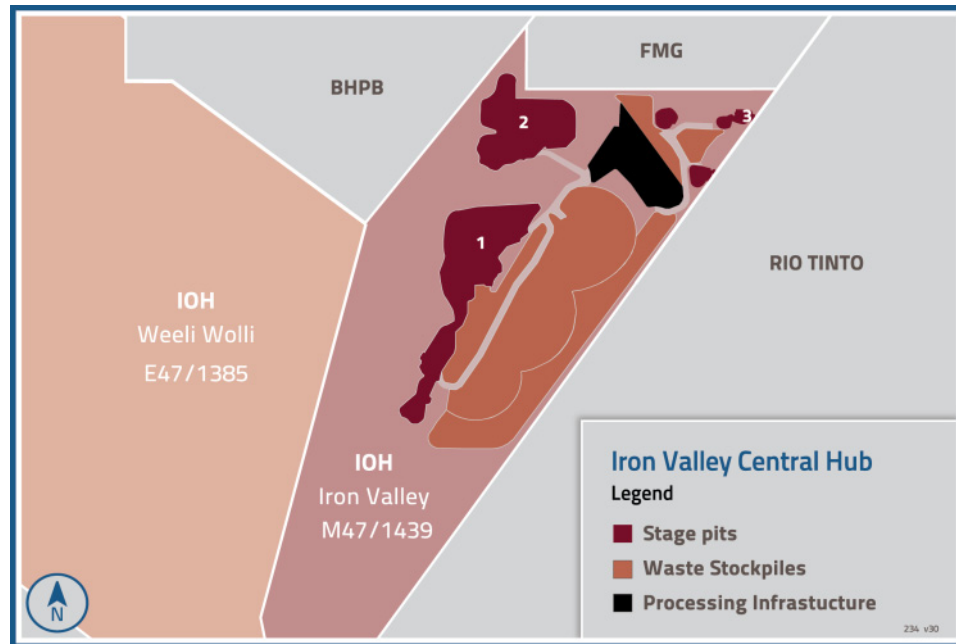




## Iron Valley Project



# Iron Valley - IOH Revenue expected in 2014



Iron Valley – Mine Layout

- Mine Gate Sale Agreement with Mineral Resources Limited<sup>1</sup>
- JORC Resource of 259Mt @ 58.3% Fe<sup>1</sup>
- JORC Reserve of 134Mt @ 58.5% Fe<sup>1</sup>

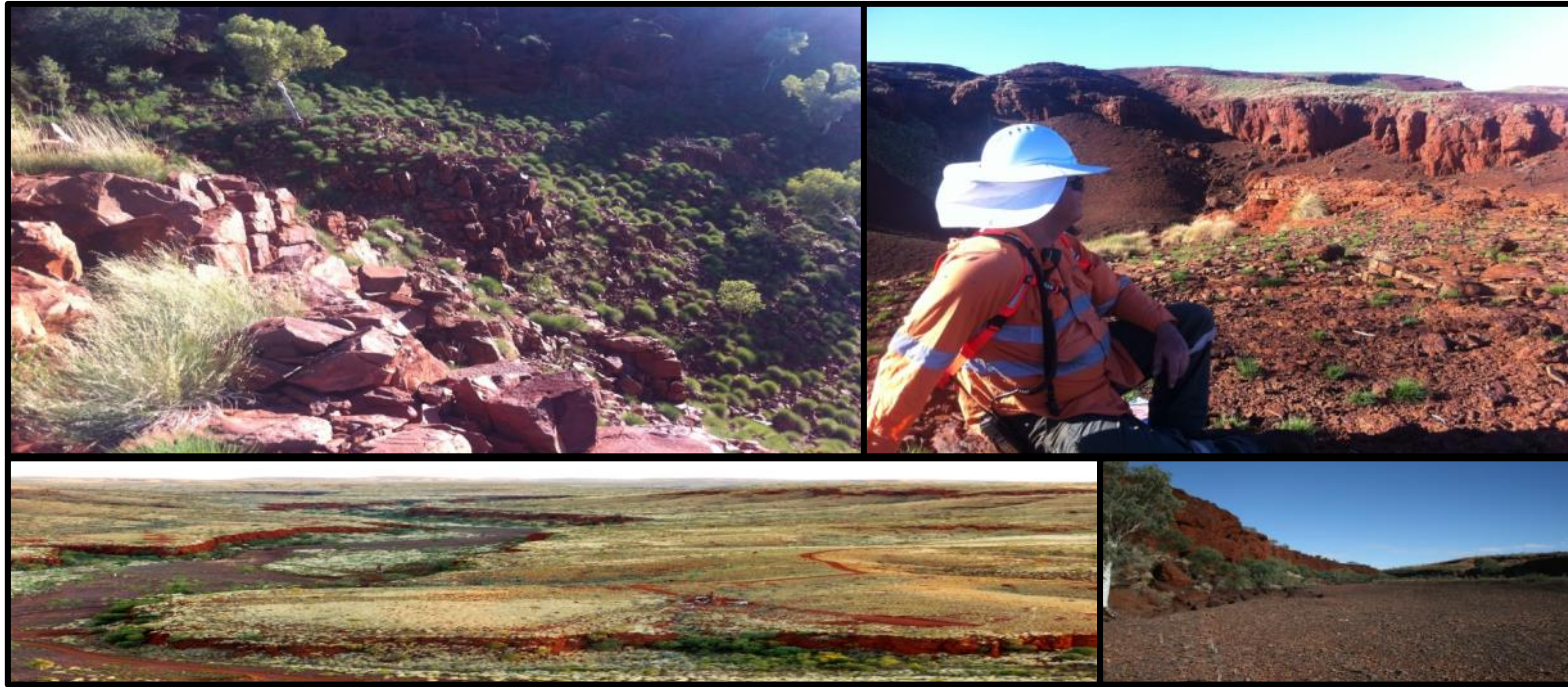


Iron Valley – Outcropping Resource

- Construction commenced March 2014
- First shipments expected in Q3 CY2014
- Ramp-up expected to ~ 5Mtpa
- IOH revenue expected in 2H CY2014

1. Refer IOH ASX releases dated 7 February 2013 and 28 February 2013 for detailed information.



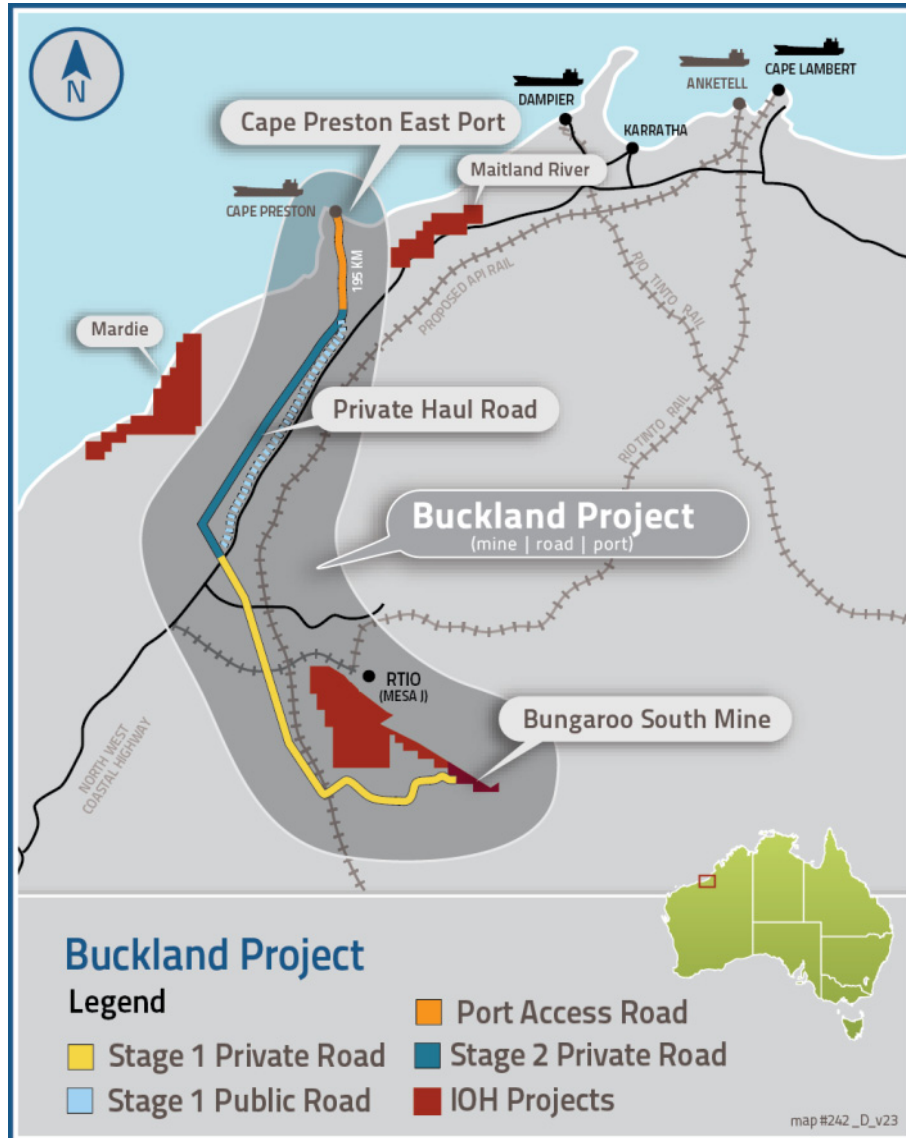


## Buckland Project

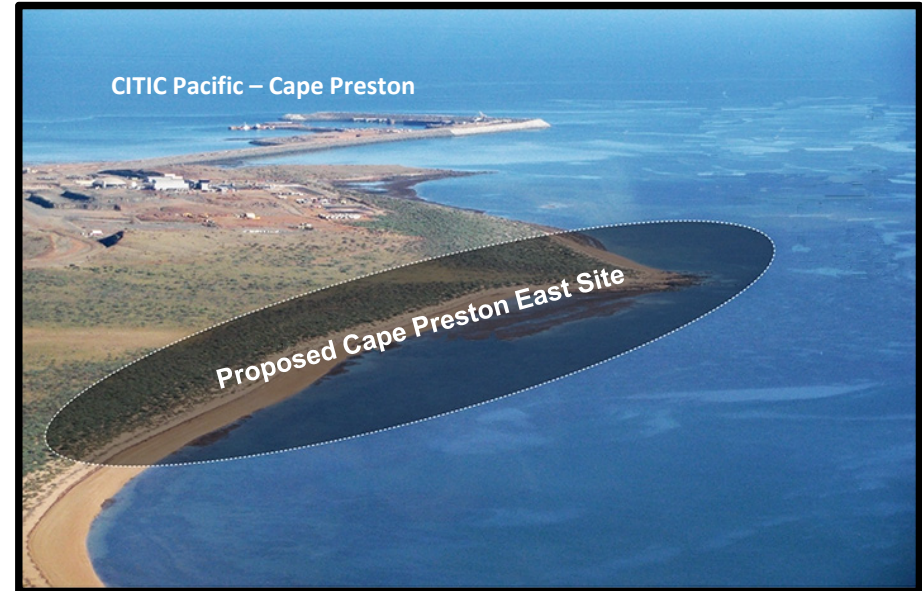


# Buckland Project

## Bungaroo South Mine & Haul Roads & Cape Preston East Port



Bungaroo South – Mine Area



Cape Preston East - Port Area



### **Buckland Project - Animation Video**

This video can be viewed from the home page of the IOH website at:

[www.ironoreholdings.com](http://www.ironoreholdings.com)

# Bungaroo South Mine

- JORC Ore Reserve of 127Mt @ 57.6% Fe<sup>1</sup>
- 15 year mine life @ 8Mtpa<sup>1</sup>
- 1:1 Waste to Ore ratio
- Conventional blast, truck and shovel operation
- Conventional crushing and dry & wet processing
- <12mm Fines product with average ~58% Fe over mine life

	Fe %	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	P %
Average	58.0	5.8	2.4	0.145



Bungaroo South – Mine Layout

(Artist's Impression)

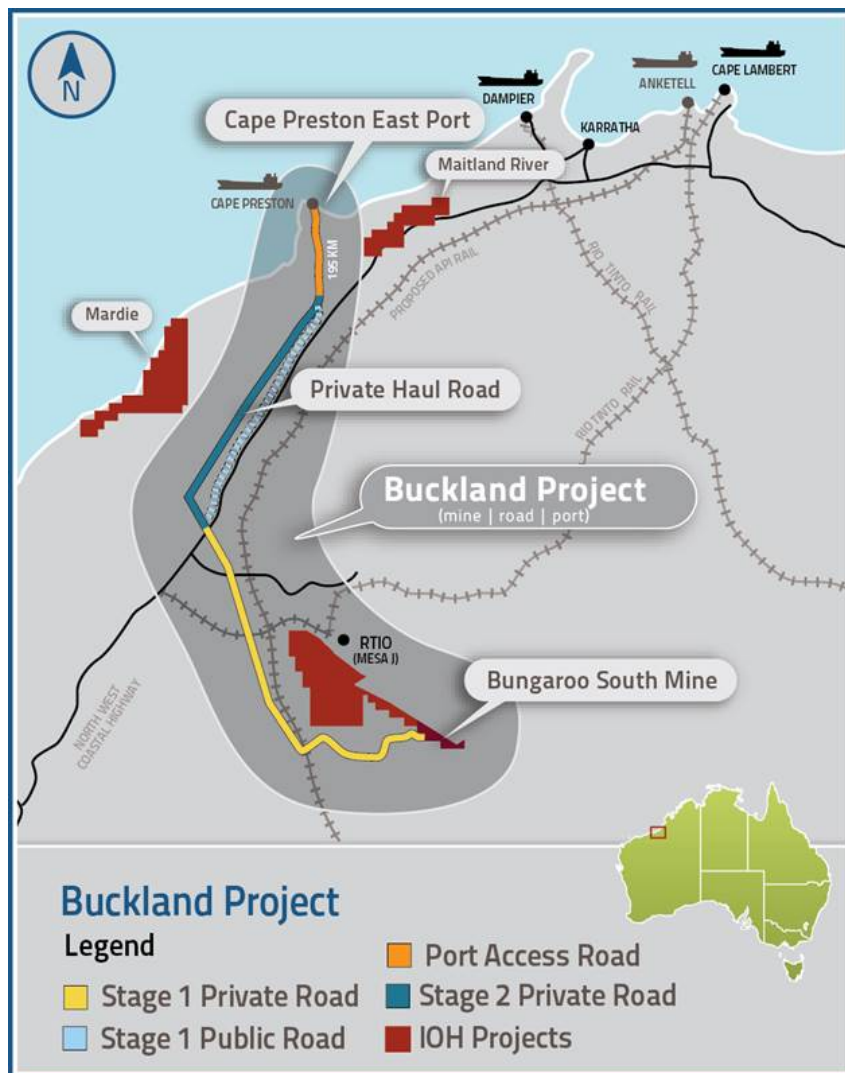


Bungaroo South – Processing Area

(Artist's Impression)

1. Refer IOH ASX release dated 30 January 2014 for detailed information.

# Buckland Road Transport Solution



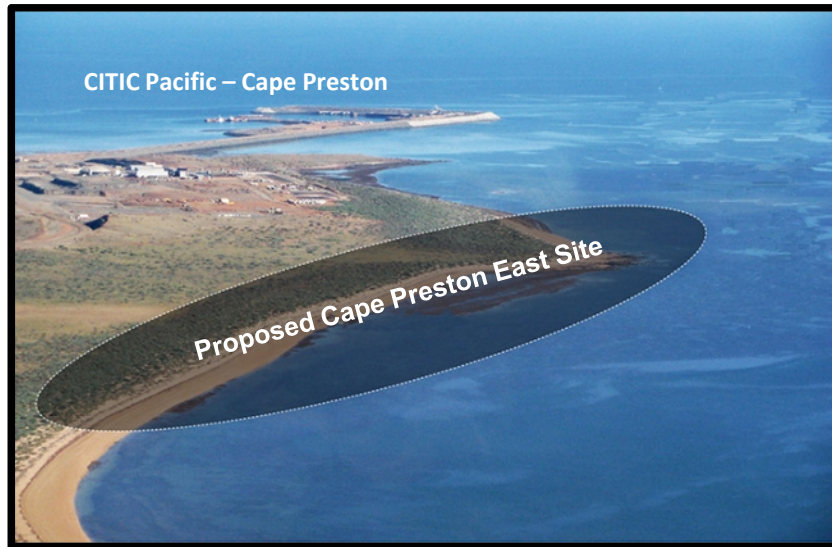
## Stage 1

- 200km haul route (130km private and 70km public)
- Approval secured for 8Mtpa haulage on public road
- 115 tonne quad wagon trucks

## Stage 2

- 100% private road (construct additional 70km private road)
- 200 tonne triple wagon trucks
- Operating cost savings

# Cape Preston East Port - Onshore Operations



Cape Preston East – Port Location

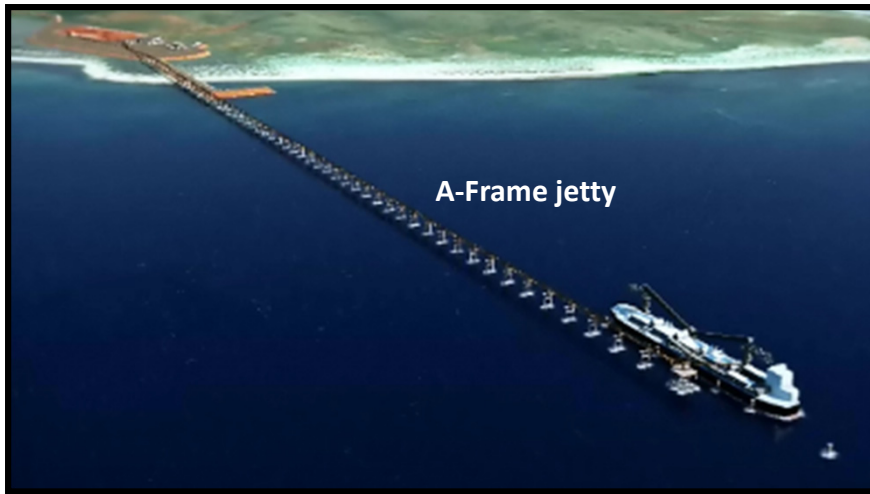
- Cape Preston East port lease approval expected by Q2 2014
- IOH to have exclusive rights to construct and operate onshore & marine facilities
- Lease to allow ~20 Mtpa operations for ~20 years with options to expand

- Allowance for 8 stockpiles of 180kt each
- Onshore operational approach similar to Utah Point facility at Port Hedland



Cape Preston East – Port Layout >8Mtpa (Artist's Impression)

# Cape Preston East Port - Marine Facilities



Planned Cape Preston East Jetty

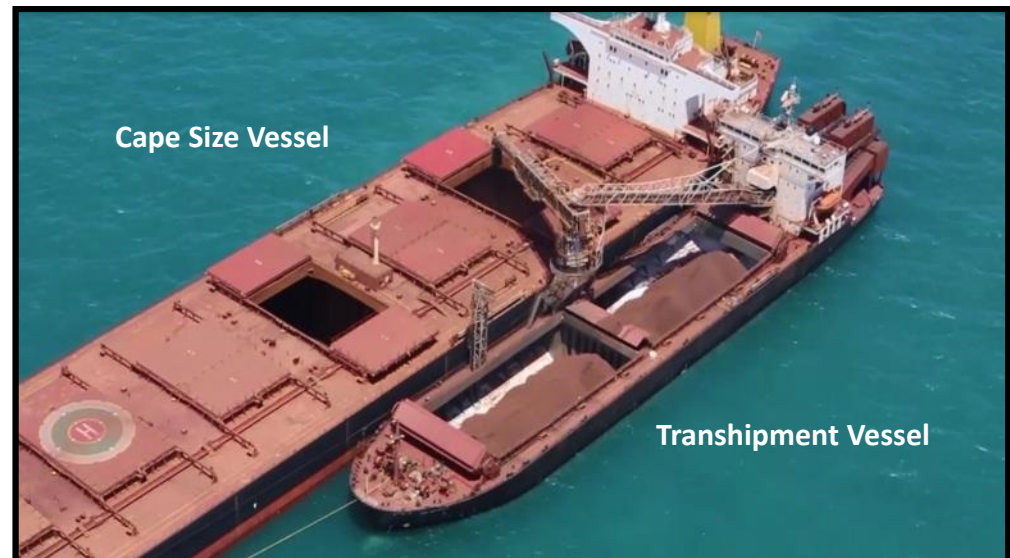
*(Artist's Impression)*

## Jetty

- 1.4km piled A-Frame jetty to 5.5m deep loading pocket
- No dredging required - environmental assessment and approvals streamlined
- Slewing and luffing shiploader

## Transshipment

- Self propelled and self discharging vessel
- 15kt to 20kt capacity (5.5m loaded draft)
- Loading 180kt Cape Size vessel in five days



Transhipper and Cape size Vessels

# Buckland Status

## Approvals

- All Environmental Approvals from Federal & State Gov secured
- All Native Title Agreements secured
- Heritage Clearance Approval – Q2 CY2014

## Tenure

- Mining lease secured
- Approval for 8Mtpa haulage on 70km public road secured
- Access Agreements for 100% of Stage 1 Road secured
- Cape Preston East port lease finalised – State approval Q2 CY2014

## Feasibility Study

- Feasibility Study 90% complete – RFQ process underway
- Positive sinter test program – 100% market support through LOI's
- Capital Cost to reach 8Mtpa: A\$810 million<sup>1</sup>
- Average C1 Cash Operating Cost (FOB): A\$48.30/t<sup>1</sup>

## Q2 CY14

- Finalise Feasibility Study
- Secure outstanding Licences and Leases
- Advance funding solutions (equity and debt)

1. Based on November 2012 Pre-Feasibility Study. Refer IOH ASX Releases dated 28 November 2012 and 13 March 2013 for assumptions



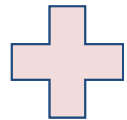


## IOH Future

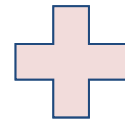


## IOH Key Objectives for CY 2014

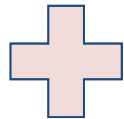
Prudent allocation of ~A\$60M  
cash reserves



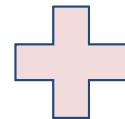
Receive first revenue from  
Iron Valley



Complete Buckland FS and  
secure partner



Consider new tenements  
and projects



Maintain high HSEC  
standards



**Increased Market  
Value of IOH**



**Thank You**



# Disclaimer

## Disclaimer:

This document or presentation may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Iron Ore Holdings' planned exploration program, commencement of exporting of iron ore, industry outlook and other statements that are not historical facts. When used in this document, the words such as "could," "target," "plan," "estimate," "intend," "may," "potential," "should," and similar expressions reflected in these forward-looking statements are reasonable, such as statements involving risks and uncertainties and no assurance can be given that actual results be consistent with these forward-looking statements.

## Competent Persons Statement:

The information in the report to which this statement is attached that relates to Exploration Targets, Exploration Results, is based on information compiled by Mr Roland Bartsch, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Bartsch is a full time contract employee of IOH and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bartsch consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

In respect of the Iron Valley and Maitland deposits the information in this report that relates to Mineral Resources estimates has been compiled by Mr Lynn Widenbar, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Widenbar is a full time employee of Widenbar and Associates and produced the Mineral Resource Estimates based on data and geological information supplied by IOH. Mr Widenbar has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves'. Mr Widenbar consents to the inclusion in this report of the matters based on his information in the form and context that the information appears.

In respect of the Bungaroo South, Dragon, Rabbit, Rooster and Snake deposits the information in this report that relates to Mineral Resources is based on information compiled by Mr Lynn Widenbar, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Widenbar is a full time employee Widenbar and Associates and produced the Mineral Resource Estimates based on data and geological information supplied by IOH and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Widenbar consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Ore Reserve estimations for the Iron Valley Deposit is based on information compiled by Mr Alan G. Cooper, who is a member of the Australasian Institute of Mining and Metallurgy. Mr Cooper is a full time employee of Snowden Mining Industry Consultants Pty Ltd. Mr Cooper has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Cooper consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. This information was prepared and first disclosed under the JORC Code 2004. It has been not been updated to comply with JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

The information in this report that relates to Ore Reserve estimations for Bungaroo South and Dragon Deposits is based on information compiled by Mr Alan G. Cooper, who is a member of the Australasian Institute of Mining and Metallurgy. Mr Cooper is a full time employee of Snowden Mining Industry Consultants Pty Ltd. Mr Cooper has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Cooper consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.